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(54) Title: POLYMERS FOR DELIVERING NITRIC OXIDE IN VIVO		
(57) Abstract Disclosed are novel polymers derivatized with at least one -NO _x group per 1200 atomic mass unit of the polymer. X is one or two. In one embodiment, the polymer is an S-nitrosylated polymer and is prepared by reacting a polythiolated polymer with a nitrosylating agent under conditions suitable for nitrosylating free thiol groups. The polymers of the present invention can be used to coat medical devices to deliver nitric oxide <i>in vivo</i> to treatment sites.		

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